



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BLS-6A-3500°K-P.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] -  
 [TESTLAB] BEGHELLI  
 [TESTDATE] 2017/2/14  
 [ISSUEDATE] 2017/2/14 15:09:47  
 [NEARFIELD]  
 [LAMPPOSITION] "0,0"  
 [OTHER]  
 [MANUFAC] BEGHELLI  
 [LUMCAT] BLS-6A - 3500°K  
 [BALLAST] -  
 [BALLASTCAT] -

### CHARACTERISTICS

Lumens Per Lamp	3939 (1 lamp)
Total Lamp Lumens	3939
Luminaire Lumens	3939
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	82
Total Luminaire Watts	48.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.36
Spacing Criterion (90-270)	1.50
Spacing Criterion (Diagonal)	1.46
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 m
Luminous Width (90-270)	0.00 m
Luminous Height	0.00 m

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0	1343.114	1343.114	1343.114	1343.114	1343.114	1343.114	1343.114	1343.114	1343.114	1343.114
1	1342.138	1342.492	1346.785	1346.979	1350.131	1349.461	1347.456	1344.735	1343.988	1337.922
2	1338.747	1340.049	1346.392	1343.163	1347.024	1347.063	1341.351	1335.949	1335.324	1329.528
3	1334.576	1334.060	1339.185	1332.287	1338.785	1338.354	1331.069	1319.446	1320.987	1319.053
4	1331.069	1327.601	1331.817	1322.992	1327.053	1330.121	1321.851	1299.907	1307.707	1305.541
5	1329.019	1324.171	1326.576	1317.048	1321.535	1328.626	1311.453	1282.418	1292.545	1298.850
6	1323.739	1321.651	1326.260	1315.114	1323.424	1331.346	1304.755	1264.813	1262.685	1279.349
7	1316.694	1317.557	1330.044	1314.682	1331.501	1342.569	1297.548	1231.330	1219.436	1243.424
8	1313.187	1315.901	1336.187	1314.644	1342.686	1361.399	1279.111	1203.088	1187.095	1211.913
9	1311.846	1315.901	1340.165	1313.973	1352.851	1365.931	1247.994	1184.774	1168.310	1189.577
10	1313.148	1319.523	1343.201	1314.644	1365.138	1359.311	1210.927	1164.803	1160.233	1165.905
11	1316.062	1324.255	1345.206	1317.796	1372.823	1343.040	1175.201	1138.921	1133.132	1131.082
12	1322.714	1328.310	1346.979	1319.878	1368.845	1319.169	1145.303	1105.399	1098.708	1087.717
13	1326.460	1329.296	1346.824	1320.587	1362.856	1288.761	1121.393	1077.396	1077.712	1063.021
14	1329.412	1333.312	1346.824	1321.258	1355.211	1263.433	1103.156	1056.793	1057.934	1047.304
15	1330.083	1339.617	1340.403	1319.014	1344.774	1246.576	1098.747	1040.329	1038.047	1036.900
16	1330.121	1345.561	1332.603	1318.776	1330.553	1244.603	1089.767	1029.338	1017.406	1026.224
17	1337.412	1349.267	1326.260	1319.685	1317.087	1248.503	1064.439	1020.436	995.346	1013.783
18	1349.029	1351.981	1320.671	1321.696	1304.993	1250.005	1043.598	1010.669	974.350	1000.310
19	1357.615	1355.172	1316.532	1327.678	1297.548	1246.892	1032.568	1000.310	951.504	982.743
20	1362.302	1355.017	1316.294	1333.235	1297.548	1237.164	1025.283	985.419	926.099	960.291
21	1369.077	1351.433	1316.062	1334.892	1297.386	1224.439	1020.558	961.586	892.068	933.976
22	1371.914	1348.713	1306.843	1334.299	1301.132	1220.030	1014.531	932.990	849.012	903.407
23	1372.584	1347.733	1296.761	1334.492	1322.244	1222.982	1007.556	900.655	801.780	870.679
24	1364.197	1344.619	1290.611	1338.747	1339.378	1231.059	1001.058	864.967	747.585	833.058
25	1342.331	1342.292	1281.793	1341.706	1337.528	1237.557	993.219	827.900	686.053	793.947
26	1321.651	1337.644	1278.402	1350.292	1337.367	1238.067	983.962	784.452	620.074	755.107
27	1298.689	1327.601	1277.222	1348.397	1338.669	1233.851	973.564	740.332	558.704	721.154
28	1277.183	1314.405	1275.643	1330.321	1337.960	1225.580	962.734	700.867	503.600	691.726
29	1255.046	1296.877	1272.729	1317.712	1332.803	1219.082	950.440	664.155	455.581	658.482
30	1237.358	1275.843	1269.815	1312.001	1319.646	1217.270	941.654	629.331	411.662	622.717
31	1220.693	1253.551	1264.851	1304.916	1316.100	1216.445	936.065	598.176	373.886	587.069
32	1203.997	1228.494	1259.378	1297.980	1317.396	1218.766	936.065	565.680	349.583	556.029
33	1186.070	1203.959	1251.694	1298.450	1325.358	1232.316	936.497	534.833	329.496	527.349
34	1172.249	1182.685	1243.501	1311.453	1325.751	1247.208	936.297	507.855	312.677	501.396
35	1157.396	1164.803	1231.330	1326.814	1319.878	1252.997	936.065	481.032	299.442	476.184
36	1138.212	1146.212	1226.405	1335.833	1309.918	1252.797	935.788	457.708	287.110	452.667
37	1115.449	1126.079	1221.957	1334.060	1302.118	1254.260	933.467	435.294	277.815	427.539
38	1087.517	1104.065	1215.891	1321.180	1295.536	1259.179	925.667	414.144	268.951	400.909
39	1046.595	1074.482	1205.609	1306.605	1290.611	1264.381	915.385	393.625	259.423	378.849
40	1002.908	1041.432	1193.283	1299.991	1286.557	1265.522	900.771	373.177	251.662	356.990
41	965.879	1006.176	1181.860	1302.079	1281.316	1262.763	886.079	354.430	243.036	338.869
42	928.381	963.991	1169.019	1310.666	1274.856	1255.362	871.504	338.360	234.721	323.468
43	895.298	925.938	1152.710	1311.685	1268.474	1248.465	859.726	325.202	227.675	313.663
44	867.681	886.234	1131.166	1308.732	1263.949	1240.233	852.126	313.663	222.002	305.509
45	846.924	850.624	1103.272	1304.323	1259.733	1232.909	843.301	304.993	217.193	297.670
46	831.717	822.543	1074.953	1303.059	1253.590	1221.132	835.224	298.849	212.977	290.579
47	830.614	800.561	1047.143	1306.411	1248.426	1208.722	826.482	292.506	208.883	284.667
48	846.724	791.581	1014.531	1309.796	1241.335	1198.718	817.696	287.033	204.074	282.069
49	907.230	790.086	970.489	1311.214	1231.846	1187.610	808.954	282.385	200.767	278.563
50	995.701	802.572	920.819	1311.021	1226.605	1175.988	797.963	279.865	198.679	275.803
51	979.946	875.365	886.866	1308.616	1222.389	1161.851	780.668	278.247	195.803	273.799
52	851.333	945.954	864.529	1306.289	1219.514	1138.373	757.983	276.712	195.372	270.253
53	728.439	902.189	856.813	1304.639	1221.093	1111.704	728.161	274.662	195.133	265.212

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**CANDELA TABULATION - (Cont.)**

54	585.296	775.117	855.549	1299.830	1226.760	1079.678	691.804	272.535	195.372	259.223
55	474.882	667.817	854.879	1294.950	1229.951	1046.672	653.480	268.242	195.610	253.235
56	409.219	561.541	862.008	1299.514	1221.841	1012.126	615.388	259.816	196.551	247.130
57	365.422	494.266	897.696	1287.111	1195.172	973.325	578.798	250.637	198.801	236.377
58	337.882	445.931	879.852	1270.602	1159.208	928.619	543.304	237.557	201.322	225.663
59	314.766	420.171	820.178	1243.623	1114.302	886.589	512.696	225.625	207.110	217.940
60	297.393	396.616	752.819	1202.063	1066.837	847.433	490.205	217.509	212.545	213.725
61	283.803	378.063	683.572	1150.976	1010.276	810.682	466.772	212.977	218.650	213.061
62	271.156	359.787	637.016	1069.396	953.631	777.244	434.708	210.933	218.379	210.301
63	261.389	340.564	609.006	997.712	896.239	743.601	389.957	207.388	216.329	201.322
64	248.000	323.862	588.880	945.831	859.765	703.388	341.866	199.510	210.224	187.694
65	235.430	309.209	573.634	866.579	851.926	652.416	296.567	188.003	200.258	174.614
66	220.106	294.163	564.932	794.025	868.551	600.974	257.728	176.110	197.892	166.221
67	217.393	285.931	558.982	732.377	854.292	552.993	237.009	167.600	201.476	167.246
68	209.747	278.330	547.675	699.449	787.526	506.630	227.945	165.789	204.390	172.371
69	206.247	269.190	536.999	712.916	706.933	451.958	209.670	165.550	198.917	171.262
70	198.446	257.212	509.944	681.328	618.108	405.280	184.580	159.529	184.226	160.509
71	190.840	249.612	467.636	617.715	539.088	364.667	161.657	142.272	166.775	143.181
72	186.192	237.679	419.069	554.450	490.559	328.548	143.729	126.008	150.588	134.911
73	177.019	229.679	374.795	470.827	501.273	297.586	133.570	124.036	129.908	139.043
74	171.030	222.788	335.007	388.854	518.253	260.210	124.783	132.506	103.517	149.325
75	166.891	210.933	304.916	326.028	479.259	219.436	119.194	141.802	80.864	142.156
76	167.091	197.969	281.560	312.123	412.055	185.212	113.992	133.647	78.620	115.210
77	164.886	179.378	266.592	323.114	352.026	165.280	104.380	105.521	84.487	80.000
78	126.949	167.916	249.766	303.027	319.059	149.918	93.782	72.793	83.030	54.156
79	89.766	158.466	232.161	261.899	273.992	127.265	81.064	52.384	73.102	48.645
80	66.095	142.981	208.806	213.531	208.722	105.405	71.491	51.713	61.363	52.068
81	63.098	110.562	180.957	185.128	212.622	90.514	71.645	57.309	52.977	52.152
82	66.682	84.016	156.609	183.555	219.043	80.625	68.732	54.434	45.454	47.897
83	38.562	59.281	140.029	157.363	173.550	71.768	63.098	44.822	21.544	40.290
84	19.610	56.206	130.617	127.897	126.440	60.145	50.927	33.599	5.712	33.831
85	15.671	44.229	113.006	122.695	90.592	43.997	33.283	29.576	0.000	29.892
86	10.907	23.001	90.637	108.003	68.732	30.208	21.151	29.028	0.000	22.053
87	6.891	15.633	71.607	74.998	51.952	21.112	14.769	23.001	0.000	13.628
88	4.132	12.287	58.018	55.536	41.631	17.489	13.467	14.060	0.000	8.780
89	1.612	8.425	48.683	51.320	36.119	17.012	12.480	8.542	0.000	5.982
90	0.000	5.002	33.205	42.417	30.762	13.944	8.271	3.977	0.000	0.432
91	0.000	1.573	21.583	28.003	23.201	8.819	3.584	0.000	0.000	0.000
92	0.000	0.039	9.019	16.735	16.503	4.487	0.000	0.000	0.000	0.000
93	0.000	0.000	2.675	8.542	9.450	0.432	0.000	0.000	0.000	0.000
94	0.000	0.000	0.000	1.811	3.500	0.000	0.000	0.000	0.000	0.000
95	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
96	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97	0.000	0.000	0.000	0.000	0.193	0.000	0.000	0.000	0.000	0.000
98	0.000	0.000	0.000	0.000	0.000	0.193	0.000	0.000	0.000	0.000
99	0.000	0.000	0.000	0.000	0.625	0.432	0.193	0.000	0.000	0.000
100	0.000	0.000	0.000	0.000	0.432	0.193	0.000	0.000	0.000	0.000
101	0.000	0.000	0.000	0.000	0.432	0.664	0.000	0.000	0.000	0.000
102	0.000	0.000	0.000	0.000	0.432	0.432	0.432	0.000	0.000	0.000
103	0.000	0.000	0.000	0.000	0.432	0.432	0.432	0.000	0.000	0.000
104	0.000	0.000	0.000	0.000	0.432	0.432	0.664	0.000	0.000	0.000
105	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.193
106	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
107	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
108	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
109	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000

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**CANDELA TABULATION - (Cont.)**

110	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
111	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
112	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
113	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
114	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
115	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
116	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
117	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
118	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
119	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
121	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
122	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.000
123	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.193
124	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.000	0.000	0.432
125	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.193	0.000	0.432
126	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.625	0.000	0.432
127	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.432
128	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.432
129	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.432
130	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
131	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
132	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
133	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
134	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
135	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
136	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
137	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
138	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
139	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
140	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
141	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
142	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
143	0.000	0.000	0.000	0.000	0.625	0.432	0.664	0.432	0.000	0.193
144	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.000	0.432
145	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
146	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
147	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
148	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
149	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
150	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
151	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
152	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.193
153	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
154	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
155	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
156	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
157	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
158	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
159	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
160	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
161	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
162	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
163	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
164	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
165	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BLS-6A-3500°K-P.IES**

**CANDELA TABULATION - (Cont.)**

166	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
167	0.000	0.000	0.000	0.000	0.625	0.432	0.432	0.432	0.193	0.000
168	0.000	0.000	0.000	0.000	0.432	0.432	0.432	0.432	0.193	0.000
169	0.000	0.000	0.000	0.000	0.432	0.432	0.432	0.432	0.193	0.000
170	0.000	0.000	0.000	0.000	0.432	0.432	0.432	0.432	0.193	0.000
171	0.000	0.000	0.000	0.000	0.432	0.432	0.193	0.432	0.193	0.000
172	0.000	0.000	0.193	0.000	0.432	0.432	0.193	0.432	0.193	0.000
173	0.000	0.000	0.193	0.000	0.432	0.432	0.193	0.432	0.193	0.000
174	0.000	0.000	0.193	0.000	0.625	0.432	0.193	0.432	0.193	0.000
175	0.000	0.000	0.193	0.000	0.193	0.432	0.193	0.432	0.000	0.000
176	0.000	0.000	0.193	0.000	0.193	0.432	0.193	0.432	0.000	0.000
177	0.000	0.000	0.193	0.000	0.193	0.432	0.193	0.432	0.000	0.000
178	0.000	0.000	0.193	0.432	0.193	0.432	0.193	0.432	0.000	0.000
179	0.000	0.193	0.193	0.432	0.193	0.432	0.193	0.432	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Angles**      **Horizontal Angles**

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	1343.114	1343.114	1343.114	1343.114	1343.114	1343.114	1343.114
1	1332.449	1326.892	1320.548	1324.333	1330.515	1337.367	1342.138
2	1326.698	1320.155	1314.289	1314.482	1322.953	1333.390	1338.747
3	1318.105	1321.219	1313.812	1313.541	1319.330	1330.083	1334.576
4	1318.105	1333.119	1319.569	1310.034	1314.959	1324.803	1331.069
5	1317.796	1346.547	1331.617	1307.391	1313.973	1323.230	1329.019
6	1312.748	1359.865	1340.835	1314.012	1321.219	1328.864	1323.739
7	1294.711	1366.795	1351.117	1322.405	1331.262	1338.315	1316.694
8	1255.794	1361.909	1358.879	1326.221	1340.719	1345.483	1313.187
9	1211.598	1347.849	1365.377	1331.972	1348.126	1352.381	1311.846
10	1170.792	1324.880	1367.388	1338.708	1351.788	1354.147	1313.148
11	1136.832	1294.673	1366.756	1341.706	1352.336	1353.954	1316.062
12	1113.322	1264.303	1360.768	1342.647	1348.320	1354.147	1322.714
13	1102.331	1251.778	1349.383	1339.933	1345.329	1356.159	1326.460
14	1102.608	1253.783	1341.351	1337.644	1339.617	1357.777	1329.412
15	1093.783	1262.215	1330.515	1337.844	1336.187	1358.918	1330.083
16	1066.921	1263.826	1317.003	1343.201	1333.628	1358.679	1330.121
17	1044.307	1255.756	1308.262	1349.854	1328.510	1355.095	1337.412
18	1031.504	1240.626	1312.162	1353.045	1326.344	1350.879	1349.029
19	1028.629	1219.121	1320.942	1351.981	1332.764	1348.281	1357.615
20	1027.688	1204.152	1331.701	1348.165	1339.810	1348.281	1362.302
21	1024.967	1199.975	1349.306	1351.233	1345.799	1354.147	1369.077
22	1020.951	1200.058	1360.297	1356.945	1352.458	1360.729	1371.914
23	1013.544	1204.977	1365.022	1364.313	1353.954	1363.134	1372.584
24	1005.351	1206.357	1357.815	1372.307	1350.331	1361.438	1364.197
25	995.146	1206.002	1352.220	1374.711	1336.897	1352.890	1342.331
26	983.014	1202.934	1348.004	1385.348	1328.271	1338.160	1321.651
27	969.386	1201.793	1348.165	1391.530	1321.103	1316.532	1298.689
28	958.086	1203.366	1348.835	1392.439	1320.826	1294.118	1277.183
29	947.842	1203.166	1350.840	1385.941	1326.737	1271.233	1255.046
30	942.956	1205.022	1350.254	1380.107	1329.928	1241.419	1237.358
31	940.281	1216.677	1350.015	1381.293	1324.055	1214.982	1220.693
32	940.990	1229.048	1349.777	1402.521	1313.503	1187.610	1203.997
33	943.195	1240.310	1345.051	1426.508	1302.034	1164.249	1186.070
34	943.195	1252.603	1338.831	1435.256	1291.914	1141.718	1172.249
35	942.208	1260.403	1331.146	1432.813	1282.225	1124.191	1157.396
36	937.992	1262.531	1322.676	1408.078	1277.106	1112.175	1138.212

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BLS-6A-3500°K-P.IES**

**CANDELA TABULATION - (Cont.)**

37	933.383	1265.406	1317.989	1384.323	1272.458	1097.090	1115.449
38	923.024	1264.890	1315.192	1367.936	1264.974	1083.462	1087.517
39	905.380	1260.365	1312.516	1359.349	1256.033	1062.821	1046.595
40	886.982	1250.946	1310.034	1354.940	1243.501	1035.050	1002.908
41	874.734	1241.851	1309.957	1347.611	1229.241	1002.946	965.879
42	862.879	1234.682	1310.189	1342.686	1215.337	965.648	928.381
43	852.558	1226.805	1305.503	1340.835	1203.720	930.901	895.298
44	846.215	1216.955	1298.411	1341.035	1192.136	894.543	867.681
45	840.780	1208.091	1291.366	1340.835	1174.415	865.361	846.924
46	833.373	1198.324	1283.565	1348.558	1137.586	841.135	831.717
47	820.494	1188.674	1276.274	1355.881	1102.724	818.798	830.614
48	802.295	1180.597	1269.699	1364.590	1067.823	805.995	846.724
49	779.688	1171.578	1267.688	1374.595	1034.656	798.634	907.230
50	756.442	1155.585	1267.649	1383.775	1005.822	808.245	995.701
51	729.341	1132.661	1268.558	1394.998	984.116	891.552	979.946
52	697.992	1109.222	1269.893	1403.346	981.834	960.168	851.333
53	661.596	1081.767	1262.847	1410.753	982.660	903.330	728.439
54	622.086	1048.407	1242.283	1411.346	969.154	782.756	585.296
55	583.994	1010.315	1215.420	1397.719	947.017	686.608	474.882
56	549.686	967.182	1178.985	1368.097	952.213	588.958	409.219
57	521.244	923.340	1135.414	1326.383	981.441	523.533	365.422
58	497.457	884.816	1072.471	1281.200	961.747	476.261	337.882
59	475.120	846.292	1003.855	1226.843	895.730	443.488	314.766
60	447.826	806.311	949.099	1152.001	833.058	419.662	297.393
61	411.230	757.274	929.251	1051.243	773.267	400.400	283.803
62	364.397	699.488	941.499	981.757	740.610	381.886	271.156
63	313.857	644.693	969.979	957.886	725.525	366.840	261.389
64	271.239	598.137	977.032	946.031	711.027	354.115	248.000
65	244.055	552.954	942.640	953.199	688.774	342.376	235.430
66	230.350	505.728	877.531	956.468	665.057	330.521	220.106
67	217.625	458.379	777.792	919.401	633.747	319.059	217.393
68	199.942	409.341	659.546	847.478	590.730	304.761	209.747
69	178.237	361.438	616.967	763.572	542.163	292.938	206.247
70	158.775	320.909	631.304	639.375	482.882	281.953	198.446
71	144.006	293.692	645.879	496.825	424.032	272.219	190.840
72	133.686	259.894	604.597	433.567	374.008	263.671	186.192
73	128.799	217.902	531.333	416.232	336.980	255.794	177.019
74	121.947	185.567	467.520	420.132	326.189	240.239	171.030
75	113.083	168.116	431.555	406.305	315.984	225.109	166.891
76	101.467	153.186	419.662	357.854	300.190	203.526	167.091
77	88.903	130.849	311.691	284.667	275.571	188.635	164.886
78	79.645	110.015	234.289	239.845	239.452	177.412	126.949
79	75.861	95.994	212.977	238.427	203.565	160.986	89.766
80	74.089	87.994	175.871	211.049	172.371	143.059	66.095
81	71.961	78.582	151.568	161.695	156.770	109.699	63.098
82	63.929	64.516	128.329	152.277	151.336	81.534	66.682
83	45.376	47.858	100.242	136.522	141.093	66.727	38.562
84	29.699	31.903	75.546	85.789	119.665	58.727	19.610
85	17.367	23.001	53.802	63.336	96.935	43.288	15.671
86	14.214	19.339	43.481	58.488	82.836	23.433	10.907
87	13.505	18.153	35.687	49.193	68.261	15.755	6.891
88	11.694	16.541	27.056	35.249	53.447	12.680	4.132
89	7.123	11.068	17.960	25.992	37.615	7.323	1.612
90	3.384	7.085	13.351	19.301	21.737	3.423	0.000
91	0.000	2.205	7.639	11.655	9.805	0.193	0.000
92	0.000	0.432	3.700	4.248	3.307	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BLS-6A-3500°K-P.IES**

**CANDELA TABULATION - (Cont.)**

93	0.000	0.193	0.664	0.703	0.077	0.000	0.000
94	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95	0.000	0.193	0.000	0.000	0.000	0.000	0.000
96	0.000	0.432	0.000	0.000	0.000	0.000	0.000
97	0.000	0.432	0.000	0.000	0.000	0.000	0.000
98	0.193	0.432	0.000	0.000	0.000	0.000	0.000
99	0.000	0.625	0.000	0.000	0.000	0.000	0.000
100	0.000	0.432	0.000	0.000	0.000	0.000	0.000
101	0.000	0.432	0.000	0.000	0.000	0.000	0.000
102	0.193	0.432	0.000	0.000	0.000	0.000	0.000
103	0.625	0.432	0.000	0.000	0.000	0.000	0.000
104	0.432	0.432	0.000	0.000	0.000	0.000	0.000
105	0.625	0.432	0.000	0.000	0.000	0.000	0.000
106	0.625	0.432	0.000	0.000	0.000	0.000	0.000
107	0.625	0.432	0.000	0.000	0.000	0.000	0.000
108	0.625	0.432	0.000	0.000	0.000	0.000	0.000
109	0.625	0.432	0.000	0.000	0.000	0.000	0.000
110	0.625	0.432	0.000	0.000	0.000	0.000	0.000
111	0.625	0.432	0.000	0.000	0.000	0.000	0.000
112	0.625	0.432	0.000	0.000	0.000	0.000	0.000
113	0.625	0.432	0.000	0.000	0.000	0.000	0.000
114	0.625	0.432	0.000	0.000	0.000	0.000	0.000
115	0.625	0.432	0.000	0.000	0.000	0.000	0.000
116	0.625	0.432	0.000	0.000	0.000	0.000	0.000
117	0.625	0.432	0.000	0.000	0.000	0.000	0.000
118	0.625	0.432	0.000	0.000	0.000	0.000	0.000
119	0.625	0.432	0.000	0.000	0.000	0.000	0.000
120	0.625	0.432	0.000	0.000	0.000	0.000	0.000
121	0.625	0.432	0.000	0.000	0.000	0.000	0.000
122	0.625	0.432	0.000	0.000	0.000	0.000	0.000
123	0.625	0.432	0.000	0.000	0.000	0.000	0.000
124	0.625	0.432	0.000	0.000	0.000	0.000	0.000
125	0.625	0.432	0.000	0.000	0.000	0.000	0.000
126	0.625	0.432	0.000	0.000	0.000	0.000	0.000
127	0.625	0.432	0.000	0.000	0.000	0.000	0.000
128	0.625	0.432	0.000	0.000	0.000	0.000	0.000
129	0.625	0.432	0.000	0.000	0.000	0.000	0.000
130	0.625	0.432	0.000	0.000	0.000	0.000	0.000
131	0.625	0.432	0.000	0.000	0.000	0.000	0.000
132	0.625	0.432	0.000	0.000	0.000	0.000	0.000
133	0.625	0.432	0.000	0.000	0.000	0.000	0.000
134	0.625	0.432	0.000	0.000	0.000	0.000	0.000
135	0.625	0.432	0.000	0.000	0.000	0.000	0.000
136	0.625	0.432	0.000	0.000	0.000	0.000	0.000
137	0.625	0.432	0.000	0.000	0.000	0.000	0.000
138	0.625	0.432	0.000	0.000	0.000	0.000	0.000
139	0.625	0.432	0.000	0.000	0.000	0.000	0.000
140	0.625	0.432	0.000	0.000	0.000	0.000	0.000
141	0.625	0.432	0.000	0.000	0.000	0.000	0.000
142	0.625	0.432	0.000	0.000	0.000	0.000	0.000
143	0.625	0.432	0.000	0.000	0.000	0.000	0.000
144	0.625	0.432	0.000	0.000	0.000	0.000	0.000
145	0.432	0.432	0.000	0.000	0.000	0.000	0.000
146	0.432	0.432	0.000	0.000	0.000	0.000	0.000
147	0.432	0.625	0.000	0.000	0.000	0.000	0.000
148	0.432	0.193	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : BLS-6A-3500°K-P.IES

CANDELA TABULATION - (Cont.)

149	0.432	0.432	0.000	0.000	0.000	0.000	0.000
150	0.432	0.193	0.000	0.000	0.000	0.000	0.000
151	0.432	0.193	0.000	0.000	0.000	0.000	0.000
152	0.432	0.193	0.000	0.000	0.000	0.000	0.000
153	0.432	0.193	0.432	0.000	0.000	0.000	0.000
154	0.432	0.193	0.193	0.000	0.000	0.000	0.000
155	0.432	0.193	0.193	0.193	0.000	0.000	0.000
156	0.432	0.193	0.625	0.432	0.000	0.000	0.000
157	0.432	0.193	0.432	0.193	0.000	0.000	0.000
158	0.432	0.193	0.432	0.193	0.000	0.000	0.000
159	0.432	0.193	0.432	0.193	0.000	0.000	0.000
160	0.432	0.193	0.432	0.193	0.000	0.000	0.000
161	0.432	0.193	0.432	0.193	0.000	0.000	0.000
162	0.432	0.193	0.432	0.193	0.000	0.000	0.000
163	0.432	0.193	0.432	0.193	0.000	0.000	0.000
164	0.432	0.193	0.432	0.193	0.000	0.000	0.000
165	0.432	0.193	0.432	0.193	0.000	0.000	0.000
166	0.432	0.193	0.432	0.193	0.000	0.000	0.000
167	0.432	0.193	0.432	0.193	0.000	0.000	0.000
168	0.432	0.193	0.432	0.193	0.000	0.000	0.000
169	0.432	0.193	0.432	0.193	0.000	0.000	0.000
170	0.432	0.193	0.432	0.193	0.000	0.000	0.000
171	0.432	0.193	0.432	0.193	0.193	0.000	0.000
172	0.432	0.193	0.432	0.193	0.193	0.000	0.000
173	0.432	0.193	0.432	0.193	0.193	0.000	0.000
174	0.432	0.193	0.432	0.193	0.193	0.000	0.000
175	0.432	0.193	0.432	0.193	0.432	0.000	0.000
176	0.432	0.193	0.432	0.193	0.625	0.000	0.000
177	0.625	0.193	0.432	0.193	0.432	0.000	0.000
178	0.193	0.193	0.432	0.193	0.432	0.000	0.000
179	0.193	0.193	0.432	0.193	0.432	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000	0.000	0.000



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BLS-6A-3500°K-P.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	476.30	12.10	12.10
0-30	1015.85	25.80	25.80
0-40	1680.15	42.70	42.70
0-60	3118.95	79.20	79.20
0-80	3870.24	98.30	98.30
0-90	3935.65	99.90	99.90
10-90	3810.67	96.70	96.70
20-40	1203.86	30.60	30.60
20-50	1930.94	49.00	49.00
40-70	1937.57	49.20	49.20
60-80	751.30	19.10	19.10
70-80	252.52	6.40	6.40
80-90	65.40	1.70	1.70
90-110	2.30	0.10	0.10
90-120	2.47	0.10	0.10
90-130	2.66	0.10	0.10
90-150	2.95	0.10	0.10
90-180	3.12	0.10	0.10
110-180	0.82	0.00	0.00
0-180	3938.76	100.00	100.00

Total Luminaire Efficiency = 100.00%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	124.97
10-20	351.32
20-30	539.56
30-40	664.30
40-50	727.09
50-60	711.71
60-70	498.77
70-80	252.52
80-90	65.40
90-100	2.14
100-110	0.16
110-120	0.17
120-130	0.18
130-140	0.16
140-150	0.12
150-160	0.09
160-170	0.06
170-180	0.02

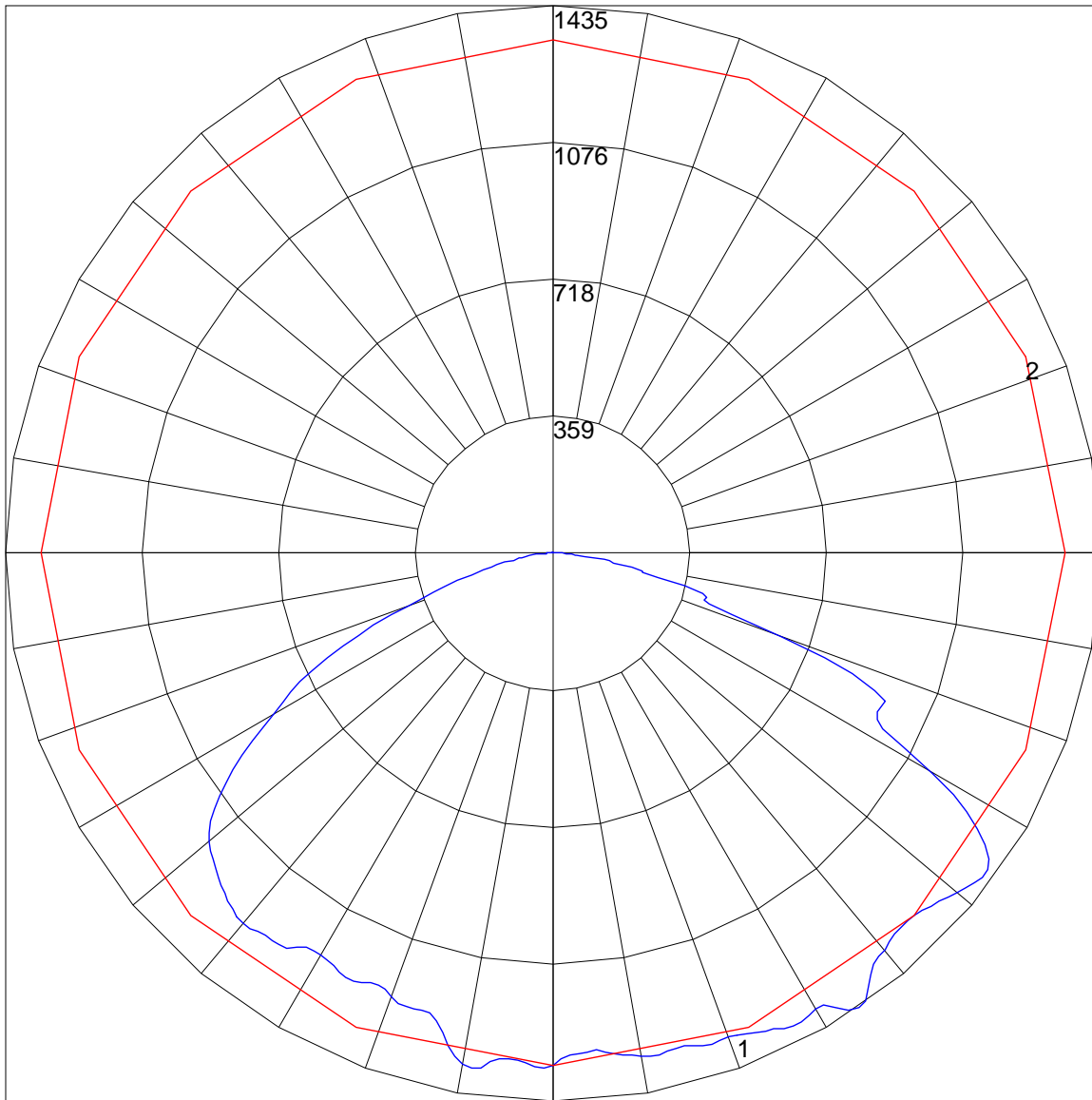
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BLS-6A-3500°K-P.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84
2	99	90	83	78	96	88	82	77	85	80	75	82	77	73	79	75	72	69
3	90	79	71	64	87	77	70	64	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	50	44	39	37
7	64	50	42	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	31	29
9	56	42	34	28	54	41	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	25	51	38	31	25	37	30	25	36	30	25	35	29	25	23

POLAR GRAPH



Maximum Candela = 1435.256 Located At Horizontal Angle = 292.5, Vertical Angle = 34  
# 1 - Vertical Plane Through Horizontal Angles (292.5 - 112.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0)